

- (C) FILE CA

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TI - Partial reduction of dinitrodiphenyl sulfides, sulfoxides and sulfones

IN - Horyna, Jaroslav

PA - Czech.

SO - Czech., 3 pp.

CODEN: CZXXA9

DT - Patent

LA - Czech

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| P.D. | 1986 |
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| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PN | - CS229033 | B | 19840514 | CS 1982-6907 | 19820928 |
| AB | - Redn. of the title compds. with Fe ²⁺ is more economical and safer than with the traditionally used but toxic S ²⁻ . Thus, a suspension of 27.6 g powd. (4-O ₂ NC ₆ H ₄) ₂ S (I) in 0.5 L water was mixed with 167 g FeSO ₄ .7H ₂ O, and the mixt. was treated for 30 min at 60.degree. with aq. NH ₄ OH to pH 8.5, heated to 80.degree., and filtered. From the sepd. solid phase contg. Fe oxides, 96% crude 4-O ₂ NC ₆ H ₄ SC ₆ H ₄ NH ₂ -4 was digested with dioxane. The product contained minor amts. of unreacted I and (4-H ₂ NC ₆ H ₄) ₂ S. | | | | |
| IT | - 101-59-7P | RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, by ferrous redn. of dinitrodiphenyl sulfide) | | | |
| RN | - 101-59-7 | CAPLUS | | | |
| CN | - Benzenamine, 4-[(4-nitrophenyl)thio]- (9CI) | (CA INDEX NAME) | | | |

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